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PTO/SB/21 (08-00)
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/065,174	
	Filing Date	09/24/2002	
	First Named Inventor	Kuo-Kun Tseng	
	Group Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	521	Attorney Docket Number	ATCP0012USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Winston Hsu
Signature	<i>Winston Hsu</i>
Date	10/4/2002

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 		
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PTO/SB/17 (10-01)
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	10/065,174
Filing Date	09/24/2002
First Named Inventor	Kuo-Kun Tseng
Examiner Name	
Group Art Unit	
Attorney Docket No.	ATCP0012USA

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0801
Deposit Account Name: North America International Patent Office

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370		Utility filing fee	
106	330	206	165		Design filing fee	
107	510	207	255		Plant filing fee	
108	740	208	370		Reissue filing fee	
114	160	214	80		Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES

Total Claims: -20** = X =
Independent Claims: -3** = X =
Multiple Dependent: =

	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9		Claims in excess of 20	
102	84	202	42		Independent claims in excess of 3	
104	280	204	140		Multiple dependent claim, if not paid	
109	84	209	42		** Reissue independent claims over original patent	
110	18	210	9		** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65		Surcharge - late filing fee or oath	
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	
116	400	216	200		Extension for reply within second month	
117	920	217	460		Extension for reply within third month	
118	1,440	218	720		Extension for reply within fourth month	
128	1,960	228	980		Extension for reply within fifth month	
119	320	219	160		Notice of Appeal	
120	320	220	160		Filing a brief in support of an appeal	
121	280	221	140		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive - unavoidable	
141	1,280	241	640		Petition to revive - unintentional	
142	1,280	242	640		Utility issue fee (or reissue)	
143	460	243	230		Design issue fee	
144	620	244	310		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Processing fee under 37 CFR 1.17(q)	
126	180	126	180		Submission of Information Disclosure Stmt	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370		Request for Continued Examination (RCE)	
169	900	169	900		Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type)	WINSTON HSU	Registration No. (Attorney/Agent)	41,526	Telephone	886-2-8923-7350
Signature	<i>Winston Hsu</i>	Date	10/4/2002		

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Substitute for form 1449PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

3

Complete if Known

Application Number

10/065,174

Filing Date

09/24/2002

First Named Inventor

Kuo-Kun Tseng

Group Art Unit

Examiner Name

Attorney Docket Number

ATCP0012 USA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	R. Ramjee, J. Kurose, D. Towsley, and H. Schulzrinne, "Adaptive Playout Mechanism for Packetized Audio Applications in Wide-Area Networks", Proceedings of IEEE INFOCOM, Toronto, Canada, pp. 680-686, June 1994.	
	2	Marco Rocchetti, Vittorio Ghini, Giovanni Pau, Paola Salomoni, and Marta Elena Bonfigli, "Design and Experimental Evaluation of an Adaptive Playout Delay Control Mechanism for Packetized Audio for use over the Internet", Nov. 1998	
	3	H. Schulzrinne, S. Casner, R. Frederick, V. Jacobson, "RTP=A Transport Protocol for Real-Time Applications", RFC 1889, Jan. 1996.	
	4	Jesus Pinto and Kenneth J. Christensen, "An Algorithm for Playout of Packet Voice based on Adaptive Adjustment of Talkspurt Silence Periods."	
	5	Phillip DeLeon and Cormac J. Steenhan, "An Adaptive Predictor for Media Playout buffering", Stanford, March, 2001.	
	6	IUT-T P.861 (1996) - "Objective quality measurement of telephone-band (300-3400 Hz) speech codecs", 02. 1998.	
	7	ETSI EG 201 307-1 V1.1.1, "Specification and measurement of speech transmission quality", 02.2001.	
	8	IUT-T G.862, "Perceptual evaluation of speech quality (PESQ), an objective method for end-to-end speech quality assessment of narrow band telephone networks and speech codecs", 02.2001	

Examiner Signature

Date

Considered

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² Applicant is to place a check mark here if English language Translation is attached

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

3

Complete if Known

Application Number 10/065,174
Filing Date 09/24/2002
First Named Inventor Kuo-Kun Tseng
Group Art Unit
Examiner Name
Attorney Docket Number ATCP001205A

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code 2 (if known)			
	1	5,815,634		Corvus Logic, Inc.	09/29/1998	
	2	6,259,677		Lisco Technology, Inc.	07/10/2001	
	3	5,600,632		Bell Atlantic Network Services, Inc.	02/04/1999	
	4	6,092,809		Lucent Technologies, Inc.	06/06/2000	
	5	6,201,960		Telefonaktiebolaget LM Ericsson	03/13/2001	
	6	6,021,385		Nokia Telecommunication Oy	02/01/2000	
	7	5,432,778		Telefonaktiebolaget LM Ericsson	07/11/1995	
	8	6,390,120		MCI WorldCom, Inc.	04/09/2002	
	9	5,848,384		British Telecommunication Public Limited Company	12/08/1998	
	10	6,092,040		Stephen Voran	07/18/2000	
	11	6,363,116		Tektronix, Inc.	03/26/2002	
	12	6,091,447		Jack Gershfeld	07/18/2000	
	13	5,598,431		Motorola, Inc.	01/28/1999	
	14	5,630,210		Motorola, Inc.	09/13/1997	
	15	5,171,754		Motorola, Inc.	02/24/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office 3	Number 4	Kind Code 5 (if known)				

Examiner Signature

Date Considered

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Application Number	101065,174
Filing Date	09/24/2002
First Named Inventor	Kuo-Kun Tseng
Group Art Unit	
Examiner Name	
Attorney Docket Number	ATCP001209

(use as many sheets as necessary)

Sheet

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Attorney Docket Number

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